



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 10 1092

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07, 31 July 1997 (1997-07-31) -& JP 09 080212 A (CANON INC), 28 March 1997 (1997-03-28) * abstract *	1-3, 9-14, 18-23, 30-32	INV. G11B7/135
Y	-& DATABASE WPI Week 199723 Derwent Publications Ltd., London, GB; AN 1997-248950 XP002402417 * abstract *	4-8, 15-17, 24-29, 33-38	
Y	PATENT ABSTRACTS OF JAPAN vol. 013, no. 087 (P-835), 28 February 1989 (1989-02-28) -& JP 63 269325 A (PIONEER ELECTRONIC CORP), 7 November 1988 (1988-11-07) * abstract; figure 2 *	4-8, 15-17, 24-29, 33-38	TECHNICAL FIELDS SEARCHED (IPC)
A	GB 2 329 065 A (* SAMSUNG ELECTRONICS CO LIMITED) 10 March 1999 (1999-03-10) * the whole document *	1-38	G11B
A	US 5 311 496 A (WHITEHEAD ET AL) 10 May 1994 (1994-05-10) * the whole document *	1-38	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 26 October 2006	Examiner Annibal, Stewart
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

6
EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 10 1092

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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26-10-2006

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 09080212	A	28-03-1997	NONE	

JP 63269325	A	07-11-1988	JP 1935229 C	26-05-1995
			JP 6064750 B	22-08-1994

GB 2329065	A	10-03-1999	CN 1210333 A	10-03-1999
			JP 11154344 A	08-06-1999
			US 2002012314 A1	31-01-2002

US 5311496	A	10-05-1994	DE 4336546 A1	19-05-1994
			JP 6208014 A	26-07-1994
			JP 8001483 B	10-01-1996
			KR 134639 B1	20-04-1998
